IN THE CLAIMS:

Please cancel claims 1-18, and replace them with the following claims 19-33, and enter the following new claims.

19 (NEW) A thermal head control system for controlling heating energy to a thermal head perforating stencil material unrolled from a stencil material roll characterized by

a residue obtaining means which obtains a residue of the stencil material in the stencil material roll, and

a thermal head controlling means which controls the heating energy to the thermal head on the basis of the residue obtained by the residue obtaining means.

20. (NEW) A thermal head control system as defined in Claim 19 further comprising a temperature detecting means which detects the working environmental temperature of the thermal head wherein the thermal head controlling means controls the heating energy to the thermal head on the basis of the working environmental temperature of the thermal head detected by the temperature detecting means and the residue.

21. (NEW) A thermal head control system as defined in Claim 19 further comprising a kind obtaining means which obtains the kind of the stencil material wherein the thermal head controlling means controls the heating energy to the thermal head on the basis of the kind of the stencil material obtained by the kind obtaining means and the residue.

22. (NEW) A thermal head control system as defined in Claim 19 further comprising an elapsed time obtaining means which obtains the elapsed time from the production of the stencil material roll wherein the thermal head controlling means controls the heating energy to the thermal head on the basis of the elapsed time from the production of the stencil material roll obtained by the elapsed time obtaining means and the residue.

23. (NEW) A thermal head control system for controlling heating energy to a thermal head perforating stencil material unrolled from a stencil material roll characterized by

an elapsed time obtaining means which obtains the elapsed time from the production of the stencil material roll, and

a thermal head controlling means which controls the heating energy to the thermal head on the basis of the elapsed time obtained by the elapsed time obtaining means.

24. (NEW) A thermal head control system as defined in Claim 23 further comprising a temperature detecting means which detects the working environmental temperature of the thermal head wherein the thermal head controlling means controls the heating energy to the thermal head on the basis of the working environmental temperature of the thermal head detected by the temperature detecting means and the elapsed time.

25. (NEW) A thermal head control system as defined in Claim 23 further comprising a kind obtaining means which obtains the kind of the stencil material and the thermal head controlling means controls the heating energy to the thermal head on the basis of the kind of the stencil material obtained by the kind obtaining means and the elapsed time.

26. (NEW) A thermal head control system as defined in Claim 19 in which the stencil material roll is provided with a storage means which stores residue data according to the residue of the stencil material and the residue obtaining means may obtain the residue of the stencil material on the basis of the residue data read out from the storage means.

27. (NEW) A thermal head control system as defined in Claim 23 in which the stencil material roll is provided with a storage means which stores date data on the date of production of the stencil material roll and

the elapsed time obtaining means obtains the elapsed time on the basis of the date data on the date of production of the stencil material roll read out from the storage means.

28. (NEW) A thermal head control system as defined in Claim 21 in which

the stencil material roll is provided with a storage means which stores kind data according to the kind of the stencil material and

the kind obtaining means is a means for reading out the kind data from the storage means.

29. (NEW) A thermal head control system as defined in Claim 25 in which

the stencil material roll is provided with a storage means which stores kind data according to the kind of the stencil material and

the kind obtaining means is a means for reading out the kind data from the storage means.

30. (NEW) A stencil material roll used for carrying out the thermal head control method of controlling heating energy to a thermal head perforating stencil material unrolled

from a stencil material roll characterized by the steps of obtaining a residue of the stencil material in the stencil material roll, and controlling the heating energy to the thermal head on the basis of the residue of the stencil material obtained comprising a storage means which stores residue data according to the residue of the stencil material.

31. (NEW) A stencil material roll used for carrying out the thermal head control method of controlling heating energy to a thermal head perforating stencil material unrolled from a stencil material roll characterized by the steps of obtaining a residue of the stencil material in the stencil material roll together with the residue of the stencil material, and controlling the heating energy to the thermal head on the basis of the kind and the residue of the stencil material obtained comprising a storage means which stores kind data according to the kind of the stencil material.

32. (NEW) A stencil material roll used for carrying out the thermal head control method of controlling heating energy to a thermal head perforating stencil material unrolled from a stencil material roll characterized by the steps of obtaining an elapsed time of the stencil material roll from production thereof together with the kind of the stencil material, and controlling the heating energy to the thermal head on the basis of the kind and the elapsed time obtained comprising a storage means which stores kind data according to the kind of the stencil material.

33. (NEW) A stencil material roll used for carrying out the thermal head control method of controlling heating energy to a thermal head perforating stencil material unrolled from a stencil material roll characterized by the steps of obtaining an elapsed time of the stencil material roll from production thereof, and controlling the heating energy to the thermal head on the basis of the elapsed time obtained comprising a storage means which stores date data on the date of production of the stencil material roll.